

IN THE CLAIMS

Please amend the claims as follows:

1 (Currently Amended). An information recording apparatus comprising:

a first input means for inputting a compressed content;

a second input means for inputting a program for expanding the content;

generation means for generating manager information representing a correspondence between ~~[[a]]~~ the compressed content and ~~[[a]]~~ the program ~~for expanding the content~~; and
recording means for recording the content, program, and manager information on an information recording medium,

wherein the manager information contains

information representing a compressing scheme of the content and presence/absence of a program corresponding to the compression scheme,

information representing a recording start position of the program for expanding the content, and

information representing a size of the program for expanding the content.

2 (Currently Amended). An apparatus according to claim 1, wherein the information recording medium comprises:

a content recording area for recording the content,

a program recording area for recording a plurality of programs corresponding to a plurality of compression schemes together, and

a manager information recording area for recording the manager information, ~~and~~

wherein said recording means records the content in the content recording area, the program in the program recording area, and the manager information in the manager information recording area.

3 (Currently Amended). An apparatus according to claim 2, wherein

the manager information recording area includes a content relational information recording area for recording information related to the program based on the content,
~~the manager information contains~~
~~information representing a compression scheme of the content and presence/absence of a program corresponding to the compression scheme,~~
~~information representing a recording start position of the program for expanding the content, and~~
~~information representing a size of the program for expanding the content, and~~
said recording means records the manager information in the content relational information recording area included in the manager information recording area.

4 (Currently Amended). An apparatus according to claim 2, wherein
the manager information recording area includes a content relational information recording area for recording information related to a recording scheme of the content,
~~the manager information contains~~
~~information representing a compression scheme of the content and presence/absence of a program corresponding to the compression scheme,~~
~~information representing a recording start position of the program for expanding the content, and~~
~~information representing a size of the program for expanding the content, and~~
said recording means records the manager information in the content relational information recording area included in the manager information recording area.

5 (Currently Amended). An apparatus according to claim 2, wherein
the manager information recording area includes a content relational information recording area for recording general information of the content,
~~the manager information contains~~

~~information representing a compression scheme of the content and presence/absence of a program corresponding to the compression scheme;~~

~~information representing a recording start position of the program for expanding the content, and~~

~~information representing a size of the program for expanding the content, and~~

said recording means records the manager information in the content relational information recording area included in the manager information recording area.

6 (Currently Amended). An apparatus according to claim 1, wherein the information recording medium comprises a content recording area for recording the content, a plurality of program recording areas for separately recording a plurality of programs corresponding to a plurality of compression schemes, and a manager information recording area for recording the manager information, and wherein said recording means records the content in the content recording area, the program in a predetermined program area of the plurality of program recording areas, and the manager information in the manager information recording area.

7 (Currently Amended). An apparatus according to claim 6, wherein the manager information recording area includes a content relational information recording area for recording information related to the program based on the content, ~~the manager information contains information representing a compression scheme of the content and presence/absence of a program corresponding to the compression scheme,~~ and

said recording means records the manager information in the content relational information recording area included in the manager information recording area.

8 (Currently Amended). An apparatus according to claim 6, wherein

the manager information recording area includes a content relational information recording area for recording information related to a recording scheme of the content,
~~the manager information contains information representing a compression scheme of the content and presence/absence of a program corresponding to the compression scheme,~~
and

said recording means records the manager information in the content relational information recording area included in the manager information recording area.

9 (Currently Amended). An apparatus according to claim 6, wherein
the manager information recording area includes a content relational information recording area for recording general information of the content,
~~the manager information contains information representing a compression scheme of the content and presence/absence of a program corresponding to the compression scheme,~~
and

said recording means records the manager information in the content relational information recording area included in the manager information recording area.

10 (Currently Amended). An information recording method comprising:
inputting a compressed content and a program for expanding the content;
~~the first step of~~generating manager information representing a correspondence between [[a]] the compressed content and [[a]] the program for expanding the content; and
~~the second step of~~recording the content, program, and manager information on an information recording medium,
wherein the manager information contains
information representing a compression scheme of the content and presence/absence of a program corresponding to the compression scheme,
information representing a recording start position of the program for expanding the content, and

information representing a size of the program for expanding the content.

11 (Currently Amended). An information reproduction apparatus comprising:
read means for reading out, from an information recording medium, manager
information representing a correspondence between a compressed content and a program for
expanding the content and reading out the content and program on the basis of the manager
information; and

reproduction means for expanding and reproducing the content on the basis of the
program read by said read means,

wherein the manager information contains

information representing a compression scheme of the content and presence/absence
of a program corresponding to the compression scheme,

information representing a recording start position of the program for expanding the
content, and

information representing a size of the program for expanding the content.

12 (Currently Amended). An apparatus according to claim 11, wherein
the information recording medium comprises
a content recording area in which the content is recorded,
a program recording area in which a plurality of programs corresponding to a
plurality of compression schemes are recorded together, and
a manager information recording area in which the manager information is recorded,
wherein said read means reads out the manager information from the manager
information recording area and reads out the content from the content recording area and the
program from the program recording area on the basis of the manager information, and
said reproduction means expands and reproduces the content on the basis of the
program read out by said read means.

13 (Currently Amended). An apparatus according to claim 12, wherein
the manager information recording area includes a content relational information
recording area for recording information related to the program based on the content,
the manager information is recorded in the content relational information recording
area,
~~the manager information contains~~
~~information representing a compression scheme of the content and presence/absence~~
~~of a program corresponding to the compression scheme,~~
~~information representing a recording start position of the program for expanding the~~
~~content, and~~
~~information representing a size of the program for expanding the content, and~~
said read means reads out the manager information from the content relational
information recording area.

14 (Currently Amended). An apparatus according to claim 12, wherein
the manager information recording area includes a content relational information
recording area for recording information related to a recording scheme of the content,
the manager information is recorded in the content relational information recording
area,
~~the manager information contains~~
~~information representing a compression scheme of the content and presence/absence~~
~~of a program corresponding to the compression scheme,~~
~~information representing a recording start position of the program for expanding the~~
~~content, and~~
~~information representing a size of the program for expanding the content, and~~
said read means reads out the manager information from the content relational
information recording area.

15 (Currently Amended). An apparatus according to claim 12, wherein
the manager information recording area includes a content relational information
recording area for recording general information of the content,
the manager information is recorded in the content relational information recording
area,
~~the manager information contains~~
~~information representing a compression scheme of the content and presence/absence~~
~~of a program corresponding to the compression scheme,~~
~~information representing a recording start position of the program for expanding the~~
~~content, and~~
~~information representing a size of the program for expanding the content, and~~
said read means reads out the manager information from the content relational
information recording area.

16 (Currently Amended). An apparatus according to claim 11, wherein
the information recording medium comprises
a content recording area in which the content is recorded,
a plurality of program recording areas in which a plurality of programs corresponding
to a plurality of compression schemes are separately recorded, and
a manager information recording area in which the manager information is recorded,
wherein said read means reads out the manager information from the manager
information recording area and reads out the content from the content recording area and the
program from a predetermined program recording area of the plurality of program recording
areas on the basis of the manager information, and
said reproduction means expands and reproduces the content on the basis of the
program read out by said read means.

17 (Currently Amended). An apparatus according to claim 16, wherein

the manager information recording area includes a content relational information recording area for recording information related to the program based on the content,

the manager information is recorded in the content relational information recording area,

~~the manager information contains information representing a compression scheme of the content and presence/absence of a program corresponding to the compression scheme,~~
and

said read means reads out the manager information from the content relational information recording area.

18 (Currently Amended). An apparatus according to claim 16, wherein

the manager information recording area includes a content relational information recording area for recording information related to a recording scheme of the content,

the manager information is recorded in the content relational information recording area,

~~the manager information contains information representing a compression scheme of the content and presence/absence of a program corresponding to the compression scheme,~~
and

said read means reads out the manager information from the content relational information recording area.

19 (Currently Amended). An apparatus according to claim 16, wherein

the manager information recording area includes a content relational information recording area for recording information related to the content,

the manager information is recorded in the content relational information recording area,

~~the manager information contains information representing a compression scheme of the content and presence/absence of a program corresponding to the compression scheme,~~
and

said read means reads out the manager information from the content relational information recording area.

20 (Currently Amended). An information reproduction method comprising:

~~the first step of~~ reading out, from an information recording medium, manager information representing a correspondence between a compressed content and a program for expanding the content;

~~the second step of~~ reading out the content and program on the basis of the manager information; and

~~the third step of~~ expanding and reproducing the content on the basis of the readout program,

wherein the manager information contains
information representing a compression scheme of the content and presence/absence of a program corresponding to the compression scheme,
information representing a recording start position of the program for expanding the content, and
information representing a size of the program for expanding the content.

21 (Currently Amended). An information recording medium comprising:

a content recording area in which a compressed content is recorded;

a program recording area in which a plurality of programs corresponding to a plurality of compression schemes are recorded together, each of the programs expanding the compressed content; and

a manager information recording area in which the manager information representing a correspondence between the compressed content and the program for expanding the content is recorded,

wherein the manager information contains

information representing a compression scheme of the content and presence/absence of a program corresponding to the compression scheme,

information representing a recording start position of the program for expanding the content, and

information representing a size of the program for expanding the content.

22 (Original). An electronic distribution system wherein a compressed content and a program for expanding the content are simultaneously distributed.